Public Works Department
200 Rogers Road
Kittery, Maine 03904
(phone) 207.439.0333
(fax) 207.439.6118

May 25, 2011

Re: Request For Proposals for Reconstruction of a 400 Meter Six Lane Running Track

To Whom It May Concern:

The Town of Kittery, Maine is soliciting proposals for reconstruction of a 400 Meter Six Lane Running Track located at Shapleigh School, Stevenson Road, Kittery, Maine.

There will be a mandatory pre-bid meeting on Wednesday, June 1 at 1:00 pm (rain or shine) for all prospective bidders. Three (3) copies of the cost proposal must be provided in a separate sealed container/envelope that is clearly marked **"COST PROPOSAL FOR RECONSTRUCTION OF RUNNING TRACK FOR THE TOWN OF KITTERY"**. Cover sheet should include the company background (including any subcontractors), three municipal references and any other related services provided by the company. The Proposals shall be received by the Town Manager, Town of Kittery, 200 Rogers Road, on or before 2:00pm on Monday, June 6, 2011. The proposals will be opened publicly at that time. The Proposals received will be reviewed and then a recommendation will be made to the Town Council for award of the contract to the company that offers the most advantageous proposal.

Questions regarding these specifications and/or the bid process must be provided in writing to the attention of Mary Ann Conroy, Commissioner, Public Works Department, 200 Rogers Road, Kittery, Maine, 03904, by 12:00 noon on June 3, 2011. No questions will be accepted after that time. Questions may be sent by U.S. mail or email to mconroy@kitteryme.org or via fax to 207-439-6118. The Town is not responsible for receipt of your questions and it is the firm's responsibility to verify receipt by the Town.

We look forward to receiving your proposals.

Sincerely,

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Jon Carter, Town Manager

PRODUCT DATA & SPECIFICATION

SECTION 10.80

SITE IMPROVEMENTS
ATHLETIC FACILITIES

EXTERIOR/INTERIOR

RESILIENT TRACK SYSTEM

PLEXITRAC LIGHTNING

POLYRESIN TRACK SYSTEM

APPLICATION FOR ASPHALT SURFACES

1.0 DESCRIPTION

This specification covers the installation of a new, high performance resilient track surfacing system for new asphalt surfaces. This track system utilizes specially compounded, pigmented, water-based binders and select rubber granules to provide strength, flexibility and to prevent ultra violet degradation. Also a top coat is applied to further protect against harmful UV rays and to reduce wear. The system provides a durable, resilient, spike resistant surface for recreational and competitive use.

NOTE: The success of the running track surface is dependent on a sound base (with good drainage) and the asphalt concrete meeting the requirements of The National Asphalt Paving Association and the U.S. Tennis Court and Track Builders Association. Variations of the existing subsurface should not exceed 1/8" in 10' when measured in any direction with a straightedge.

2.0 MATERIALS - All liquid products shall be supplied by one manufacturer.

2.1 Court Patch Binder - Shall comply with Specification 10.14 of California Products Corporation.

2.2 CP-4125 - Latex emulsion tack coat.

2.3 Plexitrac Binder - Shall comply with Specification 10.73 of California Products Corporation **(Black).**

2.4 Rubber Granules - Select granules for job mixing with Plexitrac Binder.

2.5 Plexitrac Coating - Shall comply with Specification 10.72 of California Products Corporation **(Black).**

2.6 Plexicolor Line Paint - Shall comply with Specification 10.4 of California Products Corporation.

2.7 Plexicolor Pigment - Water-borne pigment for enhanced color depth **(Black).**

2.8 Water - The water used in all mixtures shall be fresh and potable.

3.0 SURFACE PREPARATION

3.1 Prior to the application of surfacing materials, the entire surface should be flooded and checked for minor depressions or irregularities. Any puddled area covering a nickel shall be marked and repaired with Court Patch Binder according to CPC Specification 10.14. After patching, the asphalt surface shall not vary more than 1/8" in 10' measured in any direction.

4.0 CONSTRUCTION

Allow all patch work to dry thoroughly. The surface to be coated must be sound, smooth and free from dust, dirt or oily materials.

4.1 Primer Coat - A tack coat of CP-4125 must be applied over the entire surface at a rate of .04 gal./s.y. Allow to dry thoroughly.

4.2 Track Surface – Materials shall be applied to achieve a dense uniform surface of not less than the specified thickness in not less than three layers. The Plexitrac Binder must be evenly distributed amongst the rubber granules upon the application of materials. Coverage rates (Measured in accordance with I.A.A.F. standards):

Color:	Thickness:	Rubber Granules:	Plexitrac Binder (Black):
Black	3/8" (9.5MM)	10.5 lbs./s.y.	.60gal./s.y.
Black	1/2" (12.5MM)	14.0 lbs./s.y.	.78 gal./s.y.

Coverage rate based on undiluted product. Binder to rubber ratio shall be 1 gallon Plexitrac Binder per 16 lbs. of Black S.B.R. Rubber.

To further enhance color depth, it is recommended to add 5 gallons of Plexicolor Pigment to each 55 gallon drum of Plexitrac Binder on the final spraycoat. Plexicolor Pigment is a water-borne colorant available from California Products.

The coverage rates for the rubber granules is dependent on the specific gravity (density) of the rubber and the installation method of the surfacing system. Different densities will effect the dry bulking value of the rubber which determines the weight per square yard for a specified thickness. The specific gravity for rubber particles can vary between colors, size, and manufacturers. It is recommended to consult the manufacturer for more information. Also, different application methods can effect the overall system density requiring lower or higher volumes of product. System weights and volumes shall be verified by on site sample methods.

4.3 Top Coat - Plexitrac Coating shall be applied by approved spray equipment at a rate of not less than .10 gallons per square yard. If a smoother finish is desired, you may substitute Plexitrac Surfacer at not less than .30 gal./s.y.

4.4 Linestriping - Plexicolor line paint shall be applied to meet all rules and regulations of the local track federation.

5.0 LIMITATIONS

- No part of the construction shall be conducted during rainfall or when rain is imminent.
- Allow 4 – 6 hours to cure at 70° F. Lower temperature and higher humidity will increase the dry time.
- Do not apply when surface temperature is above 130° F.
- Apply only when ambient temperature is 50°F and rising.
- Keep from freezing. Do not store in the hot sun.
- The Polyresin Track System will not prevent pavement cracks from occuring.
- Allow applications to thoroughly cure prior to subsequent applications.
- Use caution when applying materials near adjacent areas. Mask when neccessary to prevent overspray.
- Allow new asphalt to cure for a minimum of 14 days.

6.0 PHYSICAL PROPERTIES

6.1 Plexitrac Binder is a high solids pigmented binder containing special fibers to promote strength. The Plexitrac Binder is capable of dryng/curing to a depth of 10mm in a single lift when mixed at the specified levels of 1-3 mm rubber granules.

Viscosity	> 90 ku or > 1200 cps	Pigment and Filler	> 6% total formula

6.2 Plexitrac Coating is a fully pigmented acrylic top coat system designed to have a high resistance to ultraviolet light. It is made from acrylic resins specifically designed for track surfaces to provide a tough, long lasting surface that can withstand the elements. It should be applied in 2 coats at a coverage rate of .05 gal./s.y. per coat.

6.3 Rubber Properties: 1 - 3mm Sieve Analysis - Other sieve sizes may be used to achieve a different surface texture at the discretion of the owner. Rubber supply can vary. Check compatibility with California Products Corporation.

Mesh	M.M.	%Retained	Specific Gravity: Hardness: Shore A, 55-75 durometer
6	3.36	0-15%	Black Rubber Granules: 1.15-1.40
10	2.00	60-85%.	Colored EPDM RubberGranules: 1.40-1.60
18	1.00	10-30%	
PAN 1.00	0-5%		

7.0 DISCLAIMER: Suggestions for use of our product or inclusion of descriptive material from patents should not be understood as recommending the use of our product in violation of any patents.

8.0 GENERAL

Materials must be specifically designed for the construction of running track surfaces. Materials specified shall be delivered to the site in sealed, properly labeled drums with California Products Corporation labels that are stenciled with the proper batch code numbers. Products packaged or labeled in any other mannerwill not be accepted. Minimal addition of clear, fresh water at the job site is dependent on temperature andmaterial flow. Coverage rates are based upon material prior to mixing with water. Dispose of empty containers in accordance with local, state and federal regulations.